

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	677	((482/83) or (482/86) or (482/87) or (482/89) or (482/90)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 14:35
S2	10	((("20020042330") or ("20030176264") or ("0708573") or ("1694044") or ("1978499") or ("4757990") or ("4077624") or ("5607377") or ("5957781") or ("5902217"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:35
S3	50	((("5592901") or ("5775710") or ("4261469") or ("4309013") or ("4352534") or ("4357510") or ("4365434") or ("4477142") or ("4484830") or ("4558806") or ("4765596") or ("4858307") or ("4871628") or ("4905365") or ("4928917") or ("5179801") or ("5484217") or ("5644992") or ("5651632") or ("5678272") or ("5716233") or ("5868446") or ("5898116") or ("5921530") or ("5983820") or ("6039540") or ("4290635") or ("5643141") or ("5812285") or ("4602430") or ("4762530") or ("4801012") or ("4928958") or ("4944061") or ("5226572") or ("5588568") or ("5707036") or ("6095600") or ("4845317") or ("4245377") or ("4351540") or ("4406477") or ("4406451") or ("4494895") or ("4570547") or ("RE32242") or ("4760973") or ("4781618") or ("4811945") or ("4903353"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:36

## EAST Search History

S4	49	((("4627611") or ("4252315") or ("4287610") or ("4369967") or ("4388760") or ("4479653") or ("4846463") or ("5364323") or ("5529562") or ("5569137") or ("5590875") or ("5733230") or ("5816945") or ("6220995") or ("6220995") or ("5524886") or ("5863279") or ("6152863") or ("20050266967") or ("4883271") or ("4913419") or ("4942624") or ("5183451") or ("5232368") or ("5281191") or ("6027435") or ("6077204") or ("6258013") or ("20040235624") or ("20050227825") or ("4808140") or ("4860953") or ("5209694") or ("5356035") or ("5860705") or ("20050096201") or ("4314413") or ("4440400") or ("4447056") or ("4509540") or ("4526373") or ("4553751") or ("5221241") or ("5423932") or ("5497925") or ("5500064") or ("5516115") or ("5577984") or ("5599240") or ("5629065"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:36
S5	89	(S3 or S4) not (S1 or S2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/21 16:41
S6	1054	((482/121) or (482/129)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 16:41
S7	1042	S6 not (S1 or S2 or S3 or S4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/21 18:17
S8	113	(482/24).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 18:20

## EAST Search History

S9	922	((482/904) or (482/148)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 18:21
S10	677	((482/83) or (482/86) or (482/87) or (482/89) or (482/90)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 18:21
S11	10	((("20020042330") or ("20030176264") or ("0708573") or ("1694044") or ("1978499") or ("4757990") or ("4077624") or ("5607377") or ("5957781") or ("5902217"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 18:21
S12	50	((("5592901") or ("5775710") or ("4261469") or ("4309013") or ("4352534") or ("4357510") or ("4365434") or ("4477142") or ("4484830") or ("4558806") or ("4765596") or ("4858307") or ("4871628") or ("4905365") or ("4928917") or ("5179801") or ("5484217") or ("5644992") or ("5651632") or ("5678272") or ("5716233") or ("5868446") or ("5898116") or ("5921530") or ("5983820") or ("6039540") or ("4290635") or ("5643141") or ("5812285") or ("4602430") or ("4762530") or ("4801012") or ("4928958") or ("4944061") or ("5226572") or ("5588568") or ("5707036") or ("6095600") or ("4845317") or ("4245377") or ("4351540") or ("4406477") or ("4406451") or ("4494895") or ("4570547") or ("RE32242") or ("4760973") or ("4781618") or ("4811945") or ("4903353"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 18:21

## EAST Search History

S13	49	((("4627611") or ("4252315") or ("4287610") or ("4369967") or ("4388760") or ("4479653") or ("4846463") or ("5364323") or ("5529562") or ("5569137") or ("5590875") or ("5733230") or ("5816945") or ("6220995") or ("6220995") or ("5524886") or ("5863279") or ("6152863") or ("20050266967") or ("4883271") or ("4913419") or ("4942624") or ("5183451") or ("5232368") or ("5281191") or ("6027435") or ("6077204") or ("6258013") or ("20040235624") or ("20050227825") or ("4808140") or ("4860953") or ("5209694") or ("5356035") or ("5860705") or ("20050096201") or ("4314413") or ("4440400") or ("4447056") or ("4509540") or ("4526373") or ("4553751") or ("5221241") or ("5423932") or ("5497925") or ("5500064") or ("5516115") or ("5577984") or ("5599240") or ("5629065"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 18:21
S14	1054	((482/121) or (482/129)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 18:21
S15	793	S9 not (S14 or S10 or S11 or S12 or S13 or S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/21 18:31
S16	95	(119/708).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/21 18:33
S17	79	a63b069/20.ipc. not us.cc.	DERWENT	OR	ON	2007/02/21 18:34
S18	47	a63b069/22.ipc. not us.cc.	DERWENT	OR	ON	2007/02/21 18:34
S19	26	a63b069/24.ipc. not us.cc.	DERWENT	OR	ON	2007/02/21 18:34
S20	184	a63b069/34.ipc. not us.cc.	DERWENT	OR	ON	2007/02/21 18:34

## EAST Search History

S21	310	S17 or S18 or S19 or S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/21 18:34
S22	614	((446/227) or (446/490) or (446/486)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 11:37
S23	17	(472/93).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 11:40
S24	718	a63c019/00.ipc. not us.cc.	DERWENT	OR	ON	2007/02/22 11:41
S25	6	S24 and (fight\$3 or boxing or martial or wrestling)	DERWENT	OR	ON	2007/02/22 11:43
S26	18	S24 and (ring)	DERWENT	OR	ON	2007/02/22 11:45
S27	106	(472/94).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 11:49
S28	231	((273/391-392) or (273/440.1)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 11:49
S29	525	((473/429-430) or (473/442-443) or (473/575)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 11:50
S30	756	S28 or S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/22 11:50

## EAST Search History

S31	350	("0223872"   "0291447"   "0518931"   "0566809"   "0708573"   "0731378"   "0830581"   "0840267"   "0861506"   "0883058"   "0931627"   "0985485"   "1073230"   "1142184"   "1224387"   "1224410"   "1538203"   "1655599"   "1708796"   "1902412"   "1907412"   "1978216"   "2140411"   "2153384"   "2255711"   "2289725"   "2293251"   "2307905"   "2327253"   "2402861"   "2467814"   "2499123"   "2635664"   "2680022"   "2772882"   "2812743"   "2839300"   "2896792"   "2948532"   "2950823"   "3042401"   "3085610"   "3086775"   "3110306"   "3271030"   "3397885"   "3424458"   "3427021"   "3430959"   "3442510"   "3469840"   "3472075"   "3475026"   "3529823"   "3550937"   "3552613"   "3593998"   "3649018"   "3658330"   "3675785"   "3731926"   "3782724"   "3804409"   "3856301"   "3907287"   "3924855"   "3934873"   "3958801"   "3994494"   "4034981"   "4068846"   "4071239"   "4092023"   "4093224"   "4096977"   "4113257"   "4135716"   "4147353"   "4216960"   "4240629"   "4247117"   "4295647"   "4342459"   "4453072"   "4521016"   "4523762"   "4537341"   "4565366"   "4588194"   "4594072"   "4674744"   "4720112"   "4722713"   "4883272"   "4948149"   "5046724"   "5083797"   "5088732"   "5094462"   "5098094"   "5176386"   "5181721"   "5224912"   "5238251"   "5269533"   "5271616"   "5271618"   "5282615"   "5288003"   "5303932"   "5348293"   "5374056"   "5386989"   "5393069"   "5419550"   "5443576"   "5460364"   "5540430"   "5542661"   "5586760"   "5611539"   "5681168"   "5688195"   "5702039"   "5738599").PN. OR ("5743820"   "5792014"   "5823895"   "5868294"   "5897466"   "5957789"   "6062993"   "6168539"   "6348028"   "D254318"   "D359937").PN. OR ("1538203"   "1851649"   "2002/0077020"   "2002/0169054"   "2005/0227825"   "2606755"   "3047401"   "3082005"   "3556663"	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 16:26
6/11/07 12:06:57 PM	C:\Documents and Settings\Wanguiy\Documents\EAST\Workspaces\10815392.wsp					Page 6

## EAST Search History

S32	677	((482/83) or (482/86) or (482/87) or (482/89) or (482/90)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S33	10	((("20020042330") or ("20030176264") or ("0708573") or ("1694044") or ("1978499") or ("4757990") or ("4077624") or ("5607377") or ("5957781") or ("5902217"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/22 16:29
S34	50	((("5592901") or ("5775710") or ("4261469") or ("4309013") or ("4352534") or ("4357510") or ("4365434") or ("4477142") or ("4484830") or ("4558806") or ("4765596") or ("4858307") or ("4871628") or ("4905365") or ("4928917") or ("5179801") or ("5484217") or ("5644992") or ("5651632") or ("5678272") or ("5716233") or ("5868446") or ("5898116") or ("5921530") or ("5983820") or ("6039540") or ("4290635") or ("5643141") or ("5812285") or ("4602430") or ("4762530") or ("4801012") or ("4928958") or ("4944061") or ("5226572") or ("5588568") or ("5707036") or ("6095600") or ("4845317") or ("4245377") or ("4351540") or ("4406477") or ("4406451") or ("4494895") or ("4570547") or ("RE32242") or ("4760973") or ("4781618") or ("4811945") or ("4903353"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/22 16:29

## EAST Search History

S35	49	((("4627611") or ("4252315") or ("4287610") or ("4369967") or ("4388760") or ("4479653") or ("4846463") or ("5364323") or ("5529562") or ("5569137") or ("5590875") or ("5733230") or ("5816945") or ("6220995") or ("6220995") or ("5524886") or ("5863279") or ("6152863") or ("20050266967") or ("4883271") or ("4913419") or ("4942624") or ("5183451") or ("5232368") or ("5281191") or ("6027435") or ("6077204") or ("6258013") or ("20040235624") or ("20050227825") or ("4808140") or ("4860953") or ("5209694") or ("5356035") or ("5860705") or ("20050096201") or ("4314413") or ("4440400") or ("4447056") or ("4509540") or ("4526373") or ("4553751") or ("5221241") or ("5423932") or ("5497925") or ("5500064") or ("5516115") or ("5577984") or ("5599240") or ("5629065"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/22 16:29
S36	1056	((482/121) or (482/129)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S37	113	(482/24).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S38	922	((482/904) or (482/148)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S39	95	(119/708).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S40	614	((446/227) or (446/490) or (446/486)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29



## EAST Search History

S41	17	(472/93).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S42	106	(472/94).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S43	231	((273/391-392) or (273/440.1)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S44	525	((473/429-430) or (473/442-443) or (473/575)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/22 16:29
S45	4210	S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/22 16:29
S46	235	S31 not S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/22 16:29

## EAST Search History

S47	165	("0708573"   "0831605"   "0861506"   "1503298"   "1708796"   "1831717"   "1979627"   "1991087"   "20020077020"   "2206174"   "2587042"   "2629528"   "2645390"   "2680022"   "2742253"   "2772882"   "2849772"   "3042401"   "3082005"   "3086775"   "3092408"   "3193212"   "3301556"   "3310306"   "3328033"   "3582078"   "3678886"   "3794318"   "3809406"   "3840228"   "3856298"   "3924855"   "3944223"   "3953028"   "4189146"   "4210326"   "4245843"   "4261469"   "4307887"   "4342459"   "4434570"   "4434898"   "4519509"   "4523762"   "4553715"   "4576379"   "4630550"   "4688657"   "4735413"   "4784389"   "4813369"   "4842283"   "4872632"   "4915381"   "4944513"   "4948137"   "4966367"   "4972794"   "5147078"   "5181725"   "5213324"   "5228683"   "5234245"   "5246229"   "5288083"   "5305708"   "5340004"   "5340101"   "5348291"   "5357656"   "5415396"   "5427288"   "5529274"   "5575046"   "5588646"   "5685470"   "5685592"   "5873798"   "6042491"   "6062452"   "6223358"   "6371342"   "6461255"   "6502731"   "6565462"   "6702317").PN. OR ("2680022"   "3442510"   "3550937"   "3558134"   "4027880"   "518931"   "5348293"   "5375849"   "5634640"   "6257418"   "6899256"   "7033290"   "861506"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 17:37
S48	107	S47 not (S31 or S45)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/22 17:37

## EAST Search History

S49	141	(US-20040110607-\$ or US-20030125168-\$ or US-20050227825-\$ or US-20020198085-\$ or US-20020169054-\$ or US-20020094917-\$ or US-20040038784-\$ or US-20040147380-\$ or US-20060266299-\$ or US-20040242118-\$ or US-20020077020-\$ or US-20020084588-\$).did. or (US-7033290-\$ or US-6899256-\$ or US-6257418-\$ or US-5634640-\$ or US-5375849-\$ or US-5374056-\$ or US-5348293-\$ or US-3550937-\$ or US-4944513-\$ or US-4027880-\$ or US-3703286-\$ or US-3558134-\$ or US-3442510-\$ or US-1073230-\$ or US-0861506-\$ or US-0518931-\$ or US-2680022-\$ or US-6402641-\$ or US-6059698-\$ or US-4813369-\$ or US-4735413-\$ or US-6152857-\$ or US-6110075-\$ or US-3953028-\$ or US-3310306-\$ or US-5823925-\$). did. or (US-3652088-\$ or US-1503298-\$ or US-6743157-\$ or US-6152865-\$ or US-6530867-\$ or US-5681168-\$ or US-5607377-\$ or US-5665035-\$ or US-5221243-\$ or US-4749185-\$ or US-5183451-\$ or US-4557477-\$ or US-4465273-\$ or US-4364558-\$ or US-4721302-\$ or US-4720095-\$ or US-4147344-\$ or US-3813095-\$ or US-3709491-\$ or US-3399891-\$ or US-4345755-\$ or US-3227450-\$ or US-4077624-\$ or US-3756593-\$ or US-2606755-\$ or US-2045972-\$ or US-1851649-\$). did. or (US-1817364-\$ or US-1637561-\$ or US-2931133-\$ or US-0944648-\$ or US-1132101-\$ or US-1242626-\$ or US-0712000-\$ or US-0658553-\$ or US-0827596-\$ or US-0773167-\$ or US-0708573-\$ or US-0662045-\$ or US-0658554-\$ or US-0264931-\$ or US-0426944-\$ or US-0318766-\$ or US-4261469-\$ or US-6595904-\$ or US-6099438-\$ or US-5984836-\$ or US-5813956-\$ or US-5346448-\$ or US-5013035-\$ or US-4861020-\$ or US-2785503-\$ or US-3638602-\$ or US-4948137-\$). did. or (US-7037170-\$ or US-6250526-\$ or US-6016926-\$ or US-4722713-\$ or US-4664640-\$ or US-3978610-\$ or US-0355663-\$ or US-6802788-\$ or US-6296582-\$ or US-5847938-\$ or US-5634643-\$ or	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/02/23 11:13
6/11/07 12:06:57 PM	C:\Documents and Settings\Wang My Documents\EA\Workspaces\10815392.wsp					

## EAST Search History

S50	18	S49 and (surgical or tubing or medical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/23 11:13
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# EAST Search History

S51	141	(US-20050227825-\$ or US-20040110607-\$ or US-20030125168-\$ or US-20020198085-\$ or US-20020169054-\$ or US-20020094917-\$ or US-20040038784-\$ or US-20040147380-\$ or US-20060266299-\$ or US-20040242118-\$ or US-20020077020-\$ or US-20020084588-\$).did. or (US-6743157-\$ or US-6530867-\$ or US-6152865-\$ or US-5665035-\$ or US-5607377-\$ or US-5681168-\$ or US-5221243-\$ or US-5183451-\$ or US-4749185-\$ or US-4721302-\$ or US-4720095-\$ or US-4557477-\$ or US-4147344-\$ or US-3227450-\$ or US-4077624-\$ or US-4465273-\$ or US-4364558-\$ or US-4345755-\$ or US-3709491-\$ or US-3399891-\$ or US-3813095-\$ or US-3756593-\$ or US-1817364-\$ or US-2931133-\$ or US-1637561-\$ or US-1242626-\$). did. or (US-2606755-\$ or US-1132101-\$ or US-3638602-\$ or US-2045972-\$ or US-0827596-\$ or US-1851649-\$ or US-0708573-\$ or US-0662045-\$ or US-0658553-\$ or US-0944648-\$ or US-0426944-\$ or US-0773167-\$ or US-0264931-\$ or US-0712000-\$ or US-0658554-\$ or US-0318766-\$ or US-4261469-\$ or US-6595904-\$ or US-6110075-\$ or US-6099438-\$ or US-6152857-\$ or US-5984836-\$ or US-6059698-\$ or US-5823925-\$ or US-5813956-\$ or US-5346448-\$ or US-5013035-\$). did. or (US-4861020-\$ or US-2785503-\$ or US-4948137-\$ or US-7037170-\$ or US-6250526-\$ or US-6016926-\$ or US-4722713-\$ or US-4664640-\$ or US-3978610-\$ or US-0355663-\$ or US-6802788-\$ or US-6220974-\$ or US-6000944-\$ or US-5634643-\$ or US-5611539-\$ or US-5467979-\$ or US-6478699-\$ or US-5842938-\$ or US-5303914-\$ or US-4881742-\$ or US-4592549-\$ or US-4216960-\$ or US-6296582-\$ or US-5386989-\$ or US-5560604-\$ or US-4003572-\$ or US-3953029-\$). did. or (US-3924855-\$ or US-3521885-\$ or US-3082005-\$ or US-4674744-\$ or US-4521016-\$ or US-3658330-\$ or US-3556523-\$ or US-3042401-\$ or US-6340334-\$ or US-1538703-\$ or US-3876107-\$ or	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/06/09 21:17
6/11/07 12:06:57 PM	C:\Documents and Settings\WYland\My Documents\EAST\Workspaces\10815392.wsp					Page 13

## EAST Search History

S52	75	S51 and (wall or vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/09 21:17
S53	46	S51 and (wall)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/09 21:34
S54	936	((482/904) or (482/83-87) or (482/89)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/09 23:31
S55	325	((482/39) or (482/40) or (482/904)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/09 23:45
S56	1088	((482/121) or (482/129)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/09 23:45
S57	1017	S56 not (S54 S55)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/09 23:57

## EAST Search History

S58	50	((("20050227825") or ("6743157") or ("7008353") or ("20050272569") or ("6196921") or ("5575008") or ("5665035") or ("5702327") or ("20030125168") or ("20040214694") or ("20040215482") or ("4491315") or ("4817941") or ("4932652") or ("4955602") or ("4974833") or ("5328425") or ("5476433") or ("5509875") or ("5524886") or ("5582561") or ("5700230") or ("6302831") or ("6322482") or ("6361480") or ("6872171") or ("7118516") or ("7207928") or ("20030066365") or ("20030073548") or ("20040176222") or ("20040220022") or ("20050003936") or ("20050113218") or ("20050266966") or ("20060199713") or ("20070072747") or ("20070117688") or ("5700229") or ("4662630") or ("4942624") or ("5261821") or ("5277679") or ("5899809") or ("6033348") or ("7121986") or ("6736764") or ("4051613") or ("4077624") or ("4084811"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/09 23:55
S59	936	((482/904) or (482/83-87) or (482/89)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/10 12:34
S60	325	((482/39) or (482/40) or (482/904)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/10 12:34
S61	1088	((482/121) or (482/129)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/10 12:34
S62	1017	S61 not (S59 S60)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/10 12:34

# EAST Search History

S63	226	("0708573"   "0774184"   "1116091"   "1142184"   "1224387"   "1224410"   "1538203"   "1708796"   "1744594"   "1902412"   "1907412"   "1978216"   "2153384"   "2184453"   "2210024"   "2252758"   "2255711"   "2307905"   "2327253"   "2587042"   "2680022"   "2772882"   "2839300"   "3042401"   "3082005"   "3085610"   "3086775"   "3092408"   "3110306"   "3218068"   "3226115"   "3271030"   "3301556"   "3328033"   "3342484"   "3397885"   "3424458"   "3442510"   "3469840"   "3475026"   "3529823"   "3550937"   "3552613"   "3593998"   "3649018"   "3658330"   "3678886"   "3731926"   "3738650"   "3794318"   "3804409"   "3840228"   "3856298"   "3856301"   "3890049"   "3907287"   "3924855"   "3934873"   "3944223"   "3994494"   "4050693"   "4068846"   "4093224"   "4135716"   "4147353"   "4189146"   "4209168"   "4210326"   "4216960"   "4241914"   "4245843"   "4328964"   "4342459"   "4364558"   "4405127"   "4521016"   "4523762"   "4630550"   "4657242"   "4685670"   "4720112"   "4722713"   "4735413"   "4784389"   "4813369"   "4842283"   "4883272"   "4915381"   "4944513"   "4948149"   "4966367"   "5083797"   "5098094"   "5181725"   "5213324"   "5224912"   "5228683"   "5238251"   "5246229"   "5269533"   "5271616"   "5271618"   "5282615"   "5288003"   "5288083"   "5303932"   "5340101"   "5348291"   "5374056"   "5386989"   "5393069"   "5415396"   "5419550"   "5460364"   "5540430"   "5588646"   "5611539"   "5681168"   "5702039"   "5738599"   "5743820"   "5868294"   "5873798"   "5897466"   "6042491").PN. OR ("6223358"   "6348028"   "6461255"   "6565462"   "D359937").PN. OR ("2002/0077020"   "2005/0227825"   "3924855"   "4364558"   "4465273"   "4521016"   "4861020"   "4948137"   "5386989"   "5611539"   "5634640"   "5842938"   "6250576"   "6530867"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 15:08
6/11/07 12:06:57 PM	C:\Documents and Settings\VFHWang\My Documents\EAST\Workspaces\10815392.wsp					Page 16



## EAST Search History

S64	64	("0708573"   "0831605"   "0861506"   "1708796"   "2948532"   "3042401"   "3310306").PN. OR ("1538203"   "1851649"   "3042401"   "3442510"   "3521885"   "3658330"   "4027880"   "708573").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 15:10
S65	74	("0650656"   "1019861"   "1401476"   "1677728"   "1734238"   "2097376"   "2594605"   "2637555"   "2919134"   "3256015"   "3427023"   "3528656"   "4157179"   "4195835"   "4200281"   "4325548"   "4326708"   "4328964"   "4364558"   "4371162"   "4405127"   "4474378"   "4529191"   "4611805"   "4844448"   "4944511"   "4982958"   "5029850"   "5100129"   "5125649"   "5178596"   "5197934"   "5320591").PN. OR ("4512569"   "5221240"   "5624360"   "773167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 15:11
S66	336	S63 S64 S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/10 15:11
S67	287	S66 not (S59 S60 S61)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/10 15:11

# EAST Search History

S68	165	(US-20040147380-\$ or US-20060058164-\$ or US-20050227825-\$ or US-20040110607-\$ or US-20030125168-\$ or US-20020169054-\$ or US-20020198085-\$ or US-20020094917-\$ or US-20040038784-\$ or US-20060266299-\$ or US-20020077020-\$ or US-20040242118-\$ or US-20020084588-\$).did. or (US-4557477-\$ or US-4147344-\$ or US-0658553-\$ or US-5221240-\$ or US-5957781-\$ or US-0662045-\$ or US-5346448-\$ or US-4335538-\$ or US-5183451-\$ or US-5665035-\$ or US-4465273-\$ or US-4720095-\$ or US-4261469-\$ or US-6530867-\$ or US-5813956-\$ or US-1637561-\$ or US-5823925-\$ or US-6743157-\$ or US-1817364-\$ or US-1851649-\$ or US-6595904-\$ or US-5221243-\$ or US-0426944-\$ or US-1132101-\$ or US-2045972-\$ or US-2606755-\$). did. or (US-1242626-\$ or US-3638602-\$ or US-6099438-\$ or US-0318766-\$ or US-3709491-\$ or US-3342484-\$ or US-6059698-\$ or US-1978499-\$ or US-3756593-\$ or US-0658554-\$ or US-4861020-\$ or US-5607377-\$ or US-5624360-\$ or US-3399891-\$ or US-3227450-\$ or US-0827596-\$ or US-3813095-\$ or US-0299091-\$ or US-0264931-\$ or US-0773167-\$ or US-6152857-\$ or US-0708573-\$ or US-0712000-\$ or US-4440400-\$ or US-0944648-\$ or US-5013035-\$ or US-4721302-\$). did. or (US-4077624-\$ or US-5984836-\$ or US-6152865-\$ or US-4749185-\$ or US-2931133-\$ or US-4512569-\$ or US-5556369-\$ or US-4345755-\$ or US-4364558-\$ or US-6527682-\$ or US-2785503-\$ or US-6514182-\$ or US-4772011-\$ or US-5261821-\$ or US-5048836-\$ or US-4948137-\$ or US-7037170-\$ or US-6250526-\$ or US-6016926-\$ or US-4664640-\$ or US-3978610-\$ or US-6110075-\$ or US-4722713-\$ or US-0355663-\$ or US-6478699-\$ or US-6296582-\$ or US-6220974-\$). did. or (US-5634643-\$ or US-5303914-\$ or US-6000944-\$ or US-6802788-\$ or US-5611539-\$ or US-5842938-\$ or US-4881742-\$ or US-4674744-\$ or US-4597549-\$ or	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/06/11 09:41
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## EAST Search History

S69	6	S68 and (surgical or medical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/11 10:29
S70	802	(482/83-90).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/06/11 10:30
S71	10	S70 and (tennis adj ball)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:55
S72	10	((("5386989") or ("6530867") or ("0708573") or ("1694044") or ("1978499") or ("4757990") or ("4077624") or ("5607377") or ("5957781") or ("5902217"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/11 11:55